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Summary Tables: City of Fredericksburg, Virginia Shoreline Inventory Report

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Table 4. City of Fredericksburg, Virginia Shoreline Attributes - Riparian Land Use (miles) - River System Summary 2017

RIVER SYSTEM	TOTAL* MILES SURVEYED	AGRICULTURE			BARE			COMMERCIAL			FOREST total	GOVERNMENT			GRASS			INDUSTRIAL			PAVED			RESIDENTIAL			SCRUB-SHRUB			TIMBERED			
		no tree buffer	tree fringe	total	no tree buffer	tree fringe	total	no tree buffer	tree fringe	total		no tree buffer	tree fringe	total	no tree buffer	tree fringe	total	no tree buffer	tree fringe	total	no tree buffer	tree fringe	total	no tree buffer	tree fringe	total	no tree buffer	tree fringe	total	no tree buffer	tree fringe	total	
Rappahannock River (east of Rte 1)	4	0	0	0	0	0	0	1	<1	1	1	0	0	0	<1	<1	<1	0	<1	<1	<1	1	1	<1	<1	1	0	0	0	0	0	0	
Rappahannock River (west of Rte 1)	5	0	0	0	0	0	0	0	<1	<1	4	0	0	0	<1	<1	<1	0	0	0	<1	0	<1	<1	1	1	0	0	0	0	0	0	
Total	9	0	0	0	0	0	0	1	<1	1	5	0	0	0	<1	1	1	0	<1	<1	<1	1	1	1	1	1	2	0	0	0	0	0	0

*Total = upland shoreline only (upland/marsh and upland/water). Does not include marsh/water shoreline.

**tree fringe: When the dominant riparian land use is not forested but a line of trees is maintained along the bank edge, the land use is noted to include a tree fringe. This tree fringe value includes tree fringe and tree fringe > 100 feet wide.

Note: Numbers have been rounded. Summing numbers across rows or down columns may not necessarily equal the exact total whole number shown.

Table 5. City of Fredericksburg, Virginia Shoreline Attributes - Riparian Bank Condition - River System Summary 2017

RIVER SYSTEM	TOTAL* MILES SURVEYED	BANK COVER (miles)			BANK HEIGHT (miles)		
		bare	partial	total	0-5 feet	5-30 feet	>30 feet
Rappahannock River (east of Rte 1)	4	<1	1	3	4	<1	0
Rappahannock River (west of Rte 1)	5	0	<1	5	4	1	0
Total	9	<1	1	8	9	1	0

*Total = upland shoreline only (upland/marsh and upland/water). Does not include marsh/water shoreline.

Note: Numbers have been rounded. Summing numbers across rows or down columns may not necessarily equal the exact total whole number shown.

Table 6. City of Fredericksburg, Virginia Shoreline Attributes - Natural Buffers, *Phragmites australis* and Marsh Survey Dates - River System Summary 2017

RIVER SYSTEM	BEACH (miles)	# Wetland Polygons		Marsh Type (acres)						MARSH												PHRAGMITES ³ (percent of field checked marshes)	MARSH SURVEY DATES	
										Community Type ¹ (acres)														
		total	field checked	marsh	marsh island	no marsh forested	no marsh sand	no marsh scrub-shrub	total marsh	I	II	III	IV	V	VI	VII	VIII ²	IX	X	XI	XII			DNS ^{**}
Rappahannock River (east of Rte 1)	0	4	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	DNS	DNS
Rappahannock River (west of Rte 1)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	DNS	DNS
Total	0	4	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1		

**DNS = Did Not Survey

¹Community Type:

I = Saltmarsh Cordgrass / low marsh	VII = Arrow Arum – Pickerel Weed
II = Saltmeadow / high marsh	VIII = Reed Grass (<i>Phragmites australis</i>)
III = Black Needlerush	IX = Yellow Pond Lily
IV = Saltbush	X = Saltwort
V = Big Cordgrass	XI = Freshwater mix
VI = Cattail	XII = Brackish mix

²Type VIII - Field checked marshes where *Phragmites australis* was estimated to cover >50% marsh area.

³Phragmites - percent of field checked marshes where *Phragmites australis* is present in any amount.

Table 7. City of Fredericksburg, Virginia Shoreline Attributes - Shoreline Features - River System Summary 2017

RIVER SYSTEM	TOTAL* MILES SURVEYED	Number										Miles							
		docks	dilapidated docks	boathouses	private	ramps public	marinas <50 slips	>50 slips	wharfs	jetties		bulkhead	dilapidated bulkhead	debris	marsh toe revetment	riprap	unconventional	breakwater	groinfields
Rappahannock River (east of Rte 1)	4	0	5	0	0	2	0	0	0	0		<1	0	0	0	0	0	0	0
Rappahannock River (west of Rte 1)	5	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0
Total	9	0	5	0	0	2	0	0	0	0		<1	0	0	0	0	0	0	0

*Total = upland shoreline only (upland/marsh and upland/water). Does not include marsh/water shoreline.

Note: Numbers have been rounded. Summing numbers across rows or down columns may not necessarily equal the exact total whole number shown.